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	APPLICANT Tony PELED et al.	
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J-986 U.S. PTO  
 09/986503  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AE	60-149529	8/7/85	JAPAN			
	AF	1,304,697	1/24/73	GREAT BRITAIN			
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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	AN	Darwish et al., "Mobilization of copper(II) from plasma components and mechanism of hepatic copper transport", The American Physiological Society, pp. G72-G79, 1984
		Lehninger, "The Molecular Basis of Cell Structure and Function", Biochemistry, Second Edition, 1975, pp. 73-75

EXAMINER WVTZ	DATE CONSIDERED 11/25/03
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							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
AA		CHOMIENNE, Christine, et al., "RETINOID DIFFERENTIATION THERAPY IN PROMYELOCYTIC LEUKEMIA", <u>The FASEB Journal</u> , July, 1994, Vol. 10, pp. 1025-1030.	
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AW	FIBACH, E., et al., "Control of Normal Differentiation of Myeloid Leukemic Cells: VIII. INDUCTION OF DIFFERENTIATION TO MATURE GRANULOCYTES IN MASS CULTURE", <u>JOURNAL OF CELLULAR PHYSIOLOGY</u> , October, 1975, Vol. 86, No. 2, pp. 221-230.
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AY	HAYASHI, M. et al., "CONTROL OF NORMAL DIFFERENTIATION OF MYELOID LEUKEMIC CELLS V. NORMAL DIFFERENTIATION IN ANEUPLOID LEUKEMIC CELLS AND THE CHROMOSOME BANDING PATTERN OF D <sup>+</sup> AND D <sup>-</sup> CLONES", <u>International Journal of Cancer</u> , March 6, 1974, Vol. 14, pp. 40-48.
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BB	FIBACH, E., et al., "CONTROL OF NORMAL DIFFERENTIATION OF MYELOID LEUKEMIC CELLS TO MACROPHAGES AND GRANULOCYTES", <u>Proc. Natl. Acad. Sci. USA</u> , February, 1973, Vol. 70, No. 2, pp. 343-346.
BC	FIBACH, E., et al., "NORMAL DIFFERENTIATION OF MYELOID LEUKAEMIC CELLS INDUCED BY A PROTEIN DIFFERENTIATION-INDUCING PROTEIN", <u>Nature New Biology</u> , June 28, 1972, Vol. 237, No. 78, pp. 276-278.

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Substitute for form 1449A/PTO		Complete if Known	
		Application Number	09/986,503
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	November 9, 2001
		First Named Inventor	Peled et al
		Group Art Unit	1651
		Examiner Name	
Sheet	1	of	5
		Attorney Docket Number	01/22529

U.S. PATENT DOCUMENTS						
Examiners Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	4,335,116		Howard	06-15-1982	
	AB	4,642,120		Nevo et al	02-10-1987	
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	AD	4,820,531		Tomes	04-11-1989	
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		Number	Kind Code <sup>2</sup> (if known)			
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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	BS	Hogan et al., Engraftment and Development ... Blood 1997, July 1, 1990, (1) pp. 85-96	
	BT	Shpall E.J., The Utilization of Cytokines..., Bone Marrow Transplant, 1999, May 23 Suppl.	
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	CM	Klein A.K. et al., T-Cell Recovery in Adults ..., Biol. Blood Marrow Transplant 2001, 7 (8) pp 454-466	
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JW	CQ	Broxmeyer HE et al., Umbilical Cord Blood ..., Blood Cells 1991, 17, (2), pp. 313-329	

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Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CR	Broxmeyer HE et al., Human Umbilical Cord Blood ..., Int. J. Cell Cloning 1990, Jan, 8 Suppl. 1, pp. 76-89, discussion pp. 89-91	
	CS	Walters MC et al., Collaborative Multicenter ..., Biol. Blood Marrow Transplant 1997, Dec. 3, (6), pp. 310-315	
	CT	Laursen pH et al., Synthesis of 2,4,7-trichloroimidao ..., J. Am. Chem. Soc, Vol 27, July 1962, pp. 2500-2504	
	CU	Beardsley T., Stem Cells Come of Age, on-line Scientific American, July 1999, pp. 1-2	
	CV	Long-Term Expansion of Hemopoietic Progenitors (HPC) from Human Umbilical Cord Blood by Copper Chelators, presented at 41 <sup>st</sup> ASH Meeting, 1999, New Orleans, USA	
	CW	Regulation of Long-Term Expansion of Hemopoietic Stem-Progenitor Cells (HPC) By Intracellular Copper Content, presented at 42 <sup>nd</sup> ASH Meeting, 2000, San Francisco, USA	
	CX	Involvement of Copper in Proliferation and Differentiation of Hemopoietic Progenitors, presented at 41 <sup>st</sup> ASH Meeting, 1999, New Orleans, USA	
	CY	Zhao J. et al., An Efficient Method for The Cryopreservation of Fetal Human Liver Hematopoietic Progenitor Cells, Stem Cells 2001, 19, pp. 212-218	
	CZ	Ohta Y. et al., Ascorbate-induced high-affinity... Biochem Biophys Res. Commun. 2001, Oct. 5, 287 (4), pp 888-894	
	DA	Aoki S., et al., A Double-Functionalized Cyclen... J. Am. Chem. Soc. 2001, Feb. 14, 123(6), pp 1123-1132	
	DB	Al-Abdullah IH et al., Neogenesis of Pancreatic Endocrine ..., Pancreas 2000, Jul, 21 (1), pp. 63-68	
	DC	Kim SY et al., Macrocycles within Macrocycles... Angew Chem. Int. Ed. Engl. 2001, June 1, 40 (11) pp. 2119-2121	
	DD	Jones-Wilson TM et al., The <i>in-vivo</i> Behavior of Copper-64-Labeled..., Nucl. Med. Biol. 1998, Aug. 25, (6) pp. 523-530	
	DE	Kimura E. et al., Why Zinc in Zinc Enzymes ..., J. Biol. Inorg. Chem. 2000, Apr. 5, (2) pp. 139-155	
	DF	Inouye Y. et al., Inhibition of Human Immunodeficiency..., Biol. Pharm Bull, 1994, Feb., 17 (2), pp. 243-250	
	DG	Kikuta E. et al., Controlling Gene Expression..., J. Inorg. Biochem, 2000, Apr., 79 (1-4), pp. 253-259	
	DH	Bridger GJ et al., Synthesis and Structure-Activity..., J. Med. Chem., 1996, Jan 5, 39 (1), pp. 109-119	

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				Application Number	09/986,503
				Filing Date	November 9, 2001
				First Named Inventor	Peled et al
				Group Art Unit	1651
				Examiner Name	
				Attorney Docket Number	01/22529

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Jm	DI	Inouye Y. et al., Differential Contribution of Metal..., Biol. Pharm. Bull, 1996, Mar. 19(3) pp. 456-458
	DJ	Hyun HJ et al., Depletion of Intracellular Zinc and Copper ..., Invest Ophthalmol Vis Sci 2001, Feb; 42
	DK	Pyatt DW et al., Dithiocarbamates Inhibit..., Biochem Biophys. Res. Commun, 2000, Aug. 2, 274 (2), pp. 513-518
	DL	Chen. SH et al., Oxidative Stress and c-Jun-..., Eur. J. Pharmacol, 2001, Mar 2, 414,(2-3), pp. 177-188
	DM	Iseki A., et al., Pyrrolidine dithiocarbamate Inhibits..., Biochem Biophys Res. Commun. 2000, Sept. 16, 276(1) pp. 88-92
	DN	Cox C. et al., The Role of Copper Suppression..., Laryngoscope 2001, Apr. 111(4 Pt 1), pp 696-701
Jm	DO	Thaler F. et al., Structural, Spectroscopic..., Inorg Chem 1998, Aug. 10, 37(16), pp. 4022-4029
	DP	Chelators for Iron Overload, October 8, 1999, pp. 1-5

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